

UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Utilities Service
Washington, DC 20250-1500

November 26, 2002

TECHNICAL STANDARDS COMMITTEE "A" (TELECOMMUNICATIONS) MEETING #753

Summary of Decisions

1. Fiber Optic Cable (Item "oc") – Sterlite Optical Technologies

Committee A accepted Sterlite Optical's single mode, multiple loose tube, nonarmored and armored, and all dielectric self-supporting, dry-filled, fiber optic cable designs be accepted. The designs, designated Duct-Lite, Armor-Lite, and Aerial-Lite (ADSS), will be shown on pages 1.5.2 and 1.5.3, respectively, as follows:

Page 1.5.2

oc - Fiber Optic Cable

RUS Standard Designations "CFO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-c Self-Supporting Filled Fiber Optic Cables

RUS Standard Suffixes

<u>Manufacturer</u>	<u>Cable Construction</u>					<u>Mode</u>	
	<u>I</u>	<u>J</u>	<u>K</u>	<u>L</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Sterlite Optical ⁽⁵⁾	-	Aerial-Lite(ADSS) ⁽²²⁾	-	-	-	X	-

Page 1.5.3

oc - Fiber Optic Cable

RUS Standard Designations "BFO", "CO", and "UO" (Filled) 7 CFR 1755.900

These manufacturers' cables shown by catalog designations comply with 7 CFR 1755.900

oc-d Dry-Filled Multiple Loose Tube Fiber Core Construction⁽³⁾⁽²²⁾

RUS Standard Suffixes

<u>Manufacturer</u>	<u>Cable Construction</u>					<u>Mode</u>	
	<u>E(1)</u>	<u>F(1)</u>	<u>G</u>	<u>H</u>	<u>P(2)</u>	<u>s</u>	<u>m</u>
Sterlite Optical ⁽⁵⁾	-	Duct-Lite	-	Armor-Lite	-	X	-

2. Splice Closure (Item "pl") – Multilink Broadband

Committee A accepted Multilink Broadband's Starfighter aerial fiber optic closures for listing on page 2.1.4 as follows:

pl – Splice Closure

<u>Manufacturer</u>	<u>In-Line</u>	<u>Butt</u>	<u>Branch</u>	<u>Encapsulant</u> ⁽²⁾	<u>Maximum Splice Capacity</u> ⁽⁸⁾
<u>e - Aerial Splice Closure for Fiber Optic Cables</u> ⁽¹⁾					

Non-Filled⁽⁷⁾

Multilink Broadband	1120F-GK01	1120F-GK01	1120F-GK01	--	24
(Starfighter)	2000F-GK01	2000F-GK01	2000F-GK01	--	72

3. Station Protectors (Item "ni") – 3M Company

Committee A accepted an additional variation of 3M's currently listed 4990 Protected Entrance Terminal. This addition will be noted on page 5.1.1 by adding the number 7 to the current Note 5 as follows: "⁽⁶⁾ Blank space replaced with 2, 4, 5, 6, or 7."

4. Ground Rods (Item "ai") – Galvan Industries, Inc.

Committee A accepted the Galvan ½" x 5' copper-clad ground rod #5005G13 for listing on page 7.10 as follows:

<u>Manufacturer</u>	<u>Catalog Number</u>
<u>ai - Ground Rods</u> (without pigtails)	
	<u>1/2" x 5'</u>
Galvan	5005G13

Miscellaneous

- I. Committee A sent an October 23, 2002 letter acknowledging changes in the manufacture of Corning's 9A and 9X gas tube protectors and the products discontinued compliance with the "Buy American" provision of the RE Act. The October 23 letter also noted the subsequent deletion of the following listings from the List of Materials:

Page 5.1.3ni - Station Protectors⁽⁷⁾Fuseless, Module, Gas Tube

<u>Manufacturer</u>	<u>25-Pair⁽⁶⁾</u>	<u>50-Pair⁽⁶⁾</u>	<u>100-Pair⁽⁶⁾</u>
Corning Cable Systems	C-552/9X ⁽²⁾⁽⁴⁾	C-550/9X ⁽²⁾⁽⁴⁾	C-551/9X ⁽²⁾⁽⁴⁾

Page 5.2nm - Mainframe Protectors⁽¹⁾⁽⁷⁾ManufacturerGas Tube100-Pair

Corning Cable Systems	C-388/9A ⁽³⁾⁽⁵⁾
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Page 5.4nh - Gas Tube Arrester⁽¹⁾

<u>Manufacturer</u>	<u>MDF Module</u>	<u>Station Module</u>
Corning Cable Systems	9A ⁽³⁾⁽⁵⁾	9X ⁽³⁾⁽⁵⁾

- II. Committee A sent an October 24, 2002 letter to Thomas Betts, acknowledging their acquisition of Communications Technology Corporation. The letter also acknowledged the revision of the List of Materials to reflect the subsequent change in manufacturer designation as well as the requested deletion of the Wingspan aerial closures from page 2.1. The letter depicted the revised product listings as follows:

Page 2.1**pl - Splice Closure**

<u>Manufacturer</u>	<u>Max. Cable Dia.⁽⁶⁾</u>	<u>Straight</u>	<u>Branch</u>	<u>Encapsulant⁽²⁾</u>
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a - Aerial Splice Closure for Copper Cables**Free-Breathing**

Thomas&Betts	1.00"	C-3500	C-3500	--
	1.50"	C-3501	C-3501	--
	1.75"	C-3502	C-3502	--
	2.125"	C-3503	C-3503	--
	2.75"	C-3504	C-3504	--
	3.125"	C-3505	C-3505	--
	4.50"	C-3506	C-3506	--
	6.00"	C-3507	C-3507	--
	7.50"	C-3509	C-3509	--
	9.00"	C-3508	C-3508	--

Notes:

(2)The encapsulant is a component part of the splice closure system and shall be provided by the closure manufacturer. The encapsulant is not accepted on an individual basis.

(6)Metric sizes available for the following manufacturers: 3M.

Page 2.1.3**pl - Splice Closure**

<u>Manufacturer</u>	<u>Max. Cable Dia.⁽⁶⁾</u>	<u>Straight</u>	<u>Branch</u>	<u>Encapsulant⁽²⁾</u>
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c - Underground Splice Closure (Manhole) for Copper Cables**Pressurized**

Thomas&Betts	1.0"	C-5100	C-5105	--
	1.6"	C-5101	C-5106	--
	2.2"	C-5102	C-5107	--
	3.0"	C-5103	C-5108	--
	3.0"	C-5104	C-5109	--

Page 2.3er - Cable EnclosuresReady Access EnclosuresLashed Cables

<u>Manufacturer</u>	<u>Main Cable Dia. Range</u>	<u>Straight</u>	<u>Branch</u>
Thomas&Betts	0.50-2.20"	Termax C-2280	-

Page 2.3.1Manufacturerer - Cable EnclosuresReady-Access EnclosuresStrand-mounted, with two branch entrances (for lashed cables)e/w IDC Terminal BlocksStrand-mounted, with two branch entrances (for lashed cables)Filled Unprotected

	<u>Main Cable Dia. Range</u>	<u>Branch Cable Dia. Range</u>	<u>Series</u>
Thomas&Betts	0.50-2.20"	-	Termax

Page 2.9ManufacturerCatalog Numberwt - Pole Mounted Wire Terminalswt-a Unprotected Filled Blocks

	<u>1-Pair</u>	<u>10-Pair</u>	<u>12-Pair</u>	<u>20-Pair</u>	<u>25-Pair</u>	<u>30-Pair</u>	<u>50-Pair</u>
Thomas&Betts	--	--	--	--	C-2516 ⁽¹⁾	--	C-2518 ⁽¹⁾

wt-b Protected Filled Blocks25-Pair

Thomas&Betts	C-2517 ⁽¹⁾⁽²⁾
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Note: (1) Order stub cable length in accordance with manufacturer's instructions.

(2) These protected blocks use the Marconi Communications 1557 (R-800) cable-class "medium duty" arrester.

Page 5.6ManufacturerCatalog Numbersh - Terminal Blocks for Use in Pedestalssh-a Unprotected Filled IDC Terminal Blocks

	<u>5-Pair (w/leads)</u>	<u>6-Pair (w/leads)</u>	<u>10-Pair (w/leads)</u>	<u>12-Pair (w/leads)</u>	<u>15-Pair (w/leads)</u>	<u>25-Pair (w/leads)</u>	<u>50-Pair (w/leads)</u>
Thomas&Betts	54866 ^(1,5,8,9) 2520 ^(1,5,8) 5460002 ⁽²⁾	54867 ^(1,5,8,9) 2521 ^(1,5,8) 5460102 ⁽²⁾	54868 ^(1,5,8,9) 2522 ^(1,5,8) 5460202 ⁽²⁾	54869 ^(1,5,8,9) 2523 ^(1,5,8) 5460302 ⁽²⁾	54070 ^(1,5,8,9) 2524 ^(1,5,8) 5460502 ⁽²⁾	54071 ^(1,5,8,9) 2525 ^(1,5,8) --	-- 2526 ^(1,5,8) --

Notes: (1) E/W bottom exit pigtail stub.

(2) E/W rear exit pigtail stub.

(5) E/W bottom exit pigtail stub available in 4, 12, or 25 foot lengths. Order pigtail stub in accordance with manufacturer's instructions.

(8) Can be ordered with a filled cable stub using RUS accepted PE-39 or PE-89 cables in 4, 12, or 25 foot lengths. Order stub cable in accordance with manufacturer's instructions.

(9) Flat plane block for left and right side drop wire entrance.

Sincerely,

NORBERTO ESTEVES
Chairman, Technical Standards
Committee "A" (Telecommunications)
Telecommunications Standards Division